

# EnduraSafe | Security Glass



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## LAMINATED GLASS CAN BE MADE TO RESIST SEVERE PURPOSEFUL OR ACCIDENTAL IMPACT AND IS OFTEN CONSTRUCTED FROM COMBINATIONS OF MULTIPLE LAYERS OF GLASS AND THICK INTERLAYERS.

Typical types are:

**Anti-Bandit for smash and grab**  
typically 7.5 and 11.5mm. This glass is made up of two sheets of annealed glass bonded by a 1.5 mm thick plastic interlayer. This is designed to resist manual attack and to delay the access to the protected area for a short period of time. This glass is ideal for instances where the noise generated would alert neighbours and inhabitants.

**Intruder Resistant for higher security**  
- typically 14 to 23 mm. These glasses are generally multi-laminates and glass and polycarbonate construction. Because

there are multiple layers of material, it makes penetration very difficult and time consuming.

**Prison and Suicide cell**  
- typically 14 to 20 mm. The construction of this product is by using multiple layers of annealed, toughened and heat strengthened glass and polycarbonate with an interlayer. The result is a thin, lightweight product that is ideal for low or medium security applications, like the housing of mentally disturbed patients. The glass will maintain a level of strength even after one or both of the plies have been broken.

## APPLICATIONS

Prison Cells                      Display Counters  
Shopfronts                        Police Stations

## PERFORMANCE/ SPECIFYING

Various combinations are available depending on the level of resistance or attack weapon and international standard performance. The frame design is critical in order to equally resist the force imposed. All glass must be engineered to specific code and design, please contact Woods Glass to find out more information.

## CLEANING/ MAINTENANCE

Normally when cleaning glass, a vinegar-based glass cleaner or mild dish soap and water with a soft, lint-free cloth or paper products is recommended. A squeegee or soft cloth may be carefully used to dry the glass and help avoid water spots.

It is not recommended to use petroleum-based cleaners or solvents as they can streak the glass and weaken the seal between the glass and frame. Avoid washing in direct sunlight to reduce streaking on the glass.

Never use razor blades, steel wool, putty knives or abrasive pads as they may damage the glass, particularly on toughened glass.

## RANGE

EnduraSafe is manufactured in a large variety of sizes in order to minimise loss due to cutting, and different thicknesses are available. Please contact Woods Glass to discuss specific project requirements and to engineer the product to best suit the specifications.

## BUILDING CODES

NZS 4223.1 'Glazing in buildings - Glass selection and glazing',

NZS 4223.3 'Glazing in buildings - Human impact safety requirements',

AS/NZS2208 - Building safety glazing materials

## GLASS TYPES

Anti- Bandit  
Intruder Resistant  
Prison and Suicide cell

*Please ensure the current data sheet is consulted prior to specification. If in doubt please contact Woods Glass.*